DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jiawei Huang on February 23, 2010.

The application has been amended as follows:

Claims

1. (currently amended) A method for a data processing device exchanging data with a computer, said data processing device including a standard data interface, a control module and a storage module; the standard data interface used for ~~the data processing device connecting with the computer~~ connecting the data processing device with the computer, and the control module used for ~~W/R controlling~~ controlling reading and writing from, or to the to storage module and exchanging data with the computer; when said data processing device is connected with the computer under ~~the~~ a running-state through the standard data interface or when ~~the~~ an operation system of the computer connected with said data processing device starts, said computer communicating with the control module based on said standard data interface, and carrying on the steps of:

step 1, said computer sending an enquiring message of the data processing device's type to said data processing device;

step 2, after receiving the enquiring message of the data processing device's type, said control module sending a data processing device's type information of said data processing device to the computer, and informing the computer that the data processing device is the data processing device with an auto-run function or without the auto-run function;

step 3, after said computer receiving said data processing device's type information, if the data processing device's type information indicates that the data processing device is the data processing device with the auto-run function, then said computer setting ~~the~~ a device attribute of said data processing device to the data processing device with the auto-run function, and accessing said data processing device according to corresponding access specifications, then carrying on step 4, else carrying on step 5;

step 4, if the computer finds ~~the~~ an auto-running file stored in the data processing device, then the computer perform[[ing]]s the auto-run function according to ~~the~~ a script in the auto-running file, else the operation on the data processing device ~~being~~ is finished until next access operation to said data processing device;

step 5, said computer setting the device attribute of said data processing device to the data processing device without the auto-run function, finishing the operation on the data processing device until next access operation to said data processing device; wherein

said auto-run[[ning]] function concretely ~~depicts~~ specifies that said computer accesses programs to be run by the script according to the script in the auto-naming file and executes them in the order specified in the auto-running file;

said program[[s]] ~~is~~ are stored in the storage module of said data processing device ~~and/or~~ or stored in other storage devices of said computer;

one or a plurality of data storage areas are setup in said storage module for storing configuration information ~~and/or~~ and data to be exchanged, and storing the configuration information about the data storage areas; and

said step 5 further comprises: the computer communicating with the data processing device, parsing said stored configuration information and exchanging data with the computer in accordance with the position, exchanging order and exchanging pattern of the data defined by the configuration information; and

wherein a plurality of startup data areas are setup in said storage module for storing said auto-running file and ~~and/or~~ one of said programs respectively, and said step 1 to step 5 are executed respectively for each of the startup data areas.

2. (currently amended) The method for a data processing device exchanging data with a computer as claimed in claim 1, wherein a control switch is set in said data processing device for controlling a start or stop of the auto-run function of said data processing device; in said step 2, after receiving the enquiring message of the data processing device's type, the control module checks whether the state of said control switch is representing the start of the auto-run function or not, if "yes", then the control

module responds with the data processing device's type message to the computer and informs the computer that the data processing device is the data processing device with the auto-run function, else the control module responds with the data processing device's type message to the computer and informs the computer that the data processing device is the device without the auto-run function.

3. (currently amended) The method for a data processing device exchanging data with a computer as claimed in claim 1, wherein:

a control data is stored in said storage module for representing the start or stop of the auto-run function of said data processing device; in said step 2, after receiving the enquiring message of the data processing device's type, the control module firstly accesses said control data, and discriminates whether the data is represented to control the data processing device being the start of the auto-run function; if "yes", then the control module responds the data processing device's type message to the computer and informs the computer that the data processing device is the data processing device with the auto-run function, else the control module responds with the data processing device's type message to the computer and informs the computer that the data processing device is the data processing device without the auto-run function.

Claims 4 and 5 (cancelled)

6. (currently amended) The method for a data processing device exchanging data with a computer as claimed in claim 1, wherein a secure storage area is set in said storage module, the secure storage area is set to ~~the~~ a state which can not be displayed and/or modified by the computer, said auto-running file and/or one of said programs are stored in the secure storage area.

Claim 7. (cancelled)

8. (currently amended) The method for a data processing device exchanging data with a computer as claimed in claim 1, wherein said standard interface of said data processing device is a Universal Serial Bus (USB) interface or IEEE 1394 interface.

9. (currently amended) The method for a data processing device exchanging data with a computer as claimed in claim 1, wherein said data processing device with the auto-run function is a Compact Disk (CD) driver.

10. (currently amended) The method for a data processing device exchanging data with a computer as claimed in claim 1, wherein said data processing device without the auto-run function is a floppy disk, hard disk or flash-based storage device.

Claims 11 - 13 (cancelled)

Allowable Subject Matter

2. Claims 1 – 3, 6, and 8 – 10 allowed.

The following is an examiner's statement of reasons for allowance: The prior art of record taken alone and/or in combination with each other fails to teach and/or fairly suggest the limitations of "if the computer finds an auto-running file stored in the data processing device, then the computer performs the auto-run function according to a script in the auto-running file, else the operation on the data processing device is finished until next access operation to said data processing device," "one or a plurality of data storage areas are setup in said storage module for storing configuration information and data to be exchanged, and storing the configuration information about the data storage areas" and "wherein a plurality of startup data areas are setup in said storage module for storing said auto-running file and one of said programs respectively, and said step 1 to step 5 are executed respectively for each of the startup data areas" in combination with other recited limitations of independent claim 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Patent Application **2007/0106823** discloses storage devices utilizing autorun.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to STEVEN G. SNYDER whose telephone number is (571)270-1971. The examiner can normally be reached on Mon. - Thurs. 9:30 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dr. Henry Tsai can be reached on (571) 272-4176. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/S. G. S./
Examiner, Art Unit 2184

/Henry W.H. Tsai/
Supervisory Patent Examiner, Art Unit 2184